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Hawkins

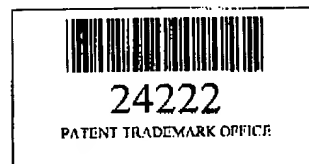
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: BROWN, David C. Group Art Unit: 2834  
Serial No. 09/758,078 Examiner: PEREZ, Guillermo  
Filed: January 10, 2001 Atty. Dkt. No: OSPD91-US  
For: ROTARY DEVICE WITH MATCHED EXPANSION CERAMIC BEARINGS

To: Box No Fee/Amendment  
US Patent and Trademark Office  
PO Box 2327  
Arlington, VA 22202-0327

From:



CERTIFICATE OF FACSIMILE 37 CFR 1.8: I certify that this correspondence is being faxed to: Examiner  
Guillermo Perez, at FAX #: 703-872-9318, Tel #: 703-306-5443 on the below date.

Date: 08/19/2002 [x] Debra A. Stengel  
[ ] Vernon C. Maine, Reg. No. 37,380 or [ ] Scott J. Asmus, Reg. No. 42,269

## AMENDMENT UNDER 37 CFR 1.85 and 1.115

In response to the Office Action of May 20, 2002, please enter the following new claims and remarks in the above-identified application:

IN THE CLAIMS:

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AUG 19 2002

Please enter the following new claims 12 - 17.

TECHNOLOGY CENTER 2800

B1  
12. (NEW) An electromagnetic induction rotary device comprising a rotatable shaft supported for rotation by at least one all ceramic bearing assembly, said bearing assembly being supported by a bearing support structure wherein said shaft, said bearing support structure and said all ceramic bearing assembly have a substantially similar coefficient of thermal expansion.

13. (NEW) An electromagnetic induction rotary device according to claim 12, said rotatable shaft comprising a reversibly rotatable shaft rotationally restricted to less than one full turn.

14. (NEW) An electromagnetic induction rotary device according to any of claim 12, said bearing support structure comprising a stator and housing assembly within which said shaft is located,

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